

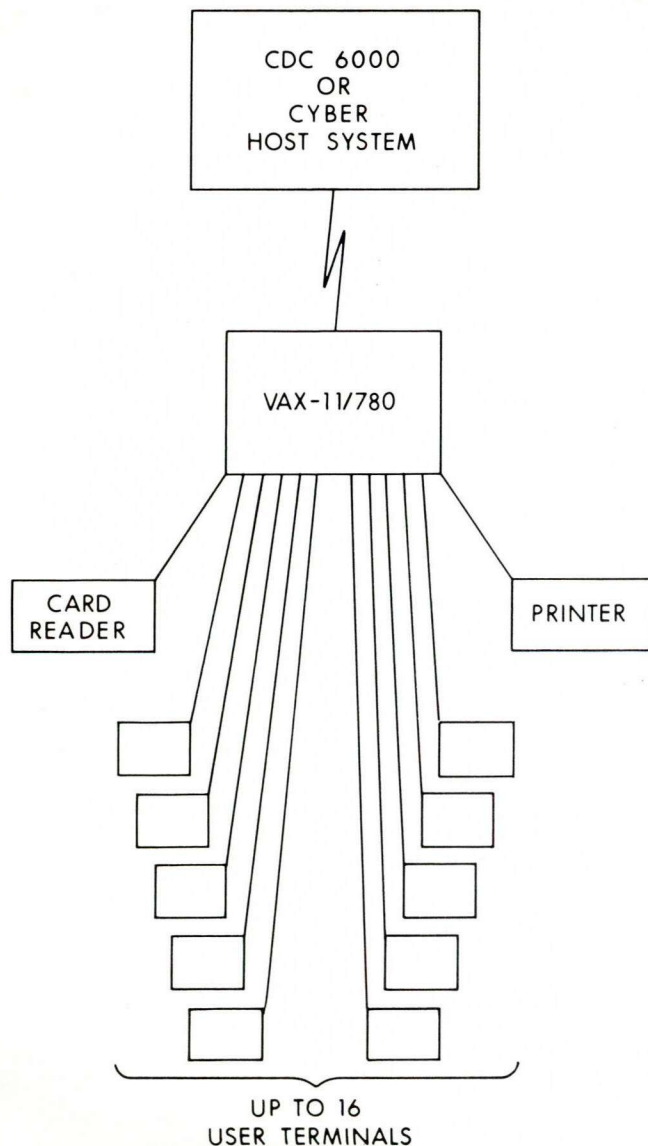
MUX200/VAX

VAX11

Supported by VAX/VMS Operating System

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MUX200/VAX is an efficient, flexible, and economical multiterminal emulator that interconnects a VAX-11 system to CDC 6000 or CYBER computer systems. MUX200/VAX allows the full processing power of the VAX-11 to be used for transferring, preprocessing, and controlling data and data files. MUX200/VAX controls one synchronous line that permits up to 16 terminals to communicate concurrently with the host computer.



FEATURES

- Detects user-defined text strings that permit the VAX-11 to spool output data received from the host CDC system to a line printer.
- Allows users to transmit up to 8 VAX-11 data files to the host computer with a single command.
- Permits VAX-11 terminals to operate independently of the communications link. If data is being transferred from the host computer to a detached terminal, the data is stored in a buffer until the communications link is reinitiated.
- VAX-11 can be used to perform local data processing, thus reducing host overhead and line costs. For example, file editing can be performed on VAX and the final formatted file can be sent to the host computer.

DESCRIPTION

MUX200/VAX is a software package that allows data files to be transferred between VAX-11 and CDC 6000 or CYBER computer systems. MUX200/VAX offers this capability by emulating CDC's 200UT Mode 4A communications protocol. Users may choose ASCII or external BCD character codes for transmission.

Using interactive terminals, users can communicate with the host CDC system at command level or can send or receive batch processing jobs. The VAX-11 terminals appear as 200UT terminals to the host computer.

Users communicate with a host CDC system over a single synchronous communications line capable of operating at speeds up to 9600 bits per second. The host computer views the MUX200/VAX line as 16 multidropped 200UT terminals. Although MUX200/VAX can support up to 16 simultaneous users, CDC hardware and software limitations may reduce the number of supported terminals.

OPERATING ENVIRONMENT

MUX200/VAX runs under any VAX/VMS configuration with a DUP11 synchronous communication interface and supports any mass storage, unit record, or terminal device supported by the VAX/VMS. Bell 201, 208, 209, or, in Europe, PTT-approved modems or their equivalents are required.